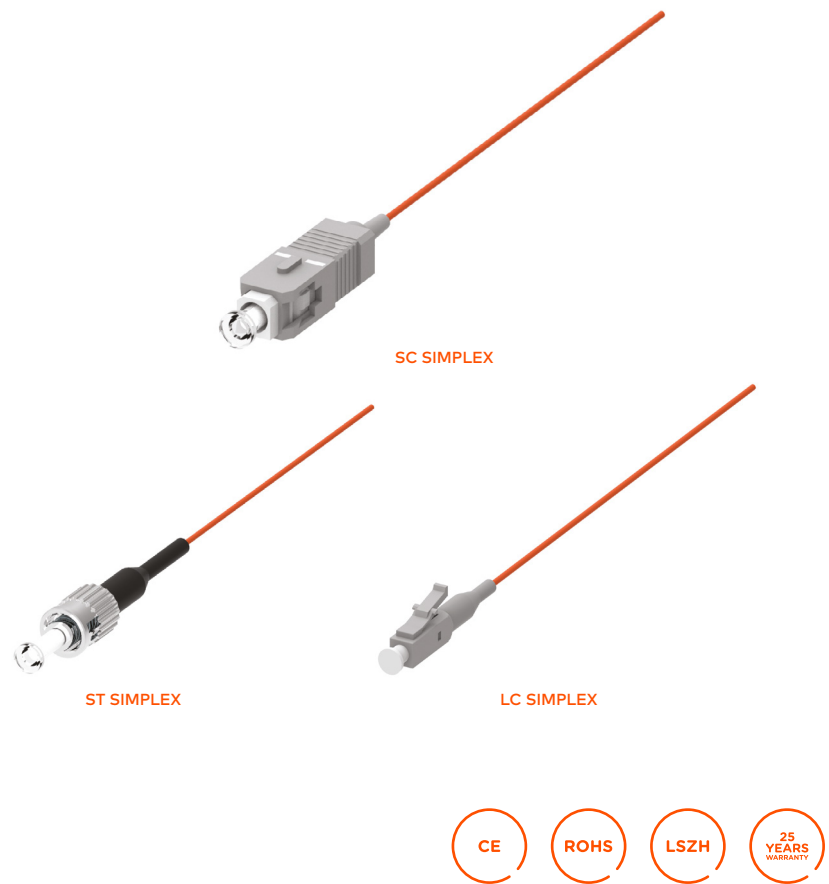# barpa

PIGTAIL MULTIMODE
OM1 62,5/125

DESCRIPTION

High performance and strong design. High quality connectors; Individually packed. Available with orange outer jacket. Dust protection cap and cable boot included. Provides a fast way to make factory terminations in the field.

APPLICABLE STANDARDS

• ISO/IEC 11801 • EN 50173-1 • IEC 61754-20 • IEC 61753-1
• IEC 61300 • RoHS

SC SIMPLEX

ST SIMPLEX

LC SIMPLEX

CE   ROHS   LSZH   25 YEARS WARRANTY

CONNECTOR PROPERTIES

	ST	SC	LC
Insertion Loss (dB)	< 0,2	< 0,2	< 0,2
Return Loss (dB)	> 25	> 25	> 25
Fiber Ferrule (mm)	Ceramic 2,5	Ceramic 2,5	Ceramic 1,25
Connector Housing	Bronze	Composite	Composite
Connector Design	EC60874-10-1997	IEC61754-4	IEC61754-20

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CABLE PROPERTIES

	ST	SC	LC
Attenuation (dB @ 850nm)	≤ 3,5	≤ 3,5	≤ 3,5
Attenuation (dB @ 1300nm)	≤ 1,5	≤ 1,5	≤ 1,5
Bandwidth (MHz.km @ 850nm)	≥ 200	≥ 200	≥ 200
Bandwidth (MHz.km @ 1300nm)	≥ 500	≥ 500	≥ 500
Radius of Curvature (mm)	10≤r≤25	10≤r≤25	7≤r≤25
Fiber Height (nm)	-100≤h≤100	-100≤h≤100	-100≤h≤100
Apex Offset (um)	0≤r≤50	0≤r≤50	0≤r≤50
Durability	500 times	500 times	500 times
Repetitiveness (dB)	≤ 0,2	≤ 0,2	≤ 0,2
Number of Fibers	1	1	1
Weight (kg/km)	0,9	0,9	0,9
Outer Diameter WxH (mm)	0,9	0,9	0,9
Outer Sheath Colour	Orange	Orange	Orange
Outer Sheath Material	LSZH	LSZH	LSZH

MECHANICAL AND ENVIRONMENTAL CHARACTERISTICS

	ST	SC	LC
Installation Temperature (ºC)	-10 to +60	-10 to +60	-10 to +60
Operating Temperature (ºC)	-10 to +60	-10 to +60	-10 to +60
Storage Temperature (ºC)	-40 to +80	-40 to +80	-40 to +80
Tension - Long Term (N)	3	3	3
Tension - Short Term (N)	6	6	6

ORDER INFORMATION

Code	Description	Conector	Lenght (m)	Inner Box Dimension (mm)	Quantity (un)
81303103020	Pigtail OM1 ST Simplex	ST			
81302103020	Pigtail OM1 SC Simplex	SC	1,5	220x220x225	200
81305103020	Pigtail OM1 LC Simplex	LC			

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PACKAGING

This images are merely illustratives. We want you to see the importance we attach to the packaging.
We always work with products and materials that are easy to use.

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